

A

[AAT](#) (defined in *category of automata*)

[Ab5 category](#) ($=C_3$ -category theorem)

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[Abel award](#) (defined in *Abel Laureates list*)

[Abelian category](#) (defined in *non-Abelian theory*)

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[Abelian group](#) (defined in *category theory*)

[Abelian Lie algebra](#) (defined in *Lie algebras*)

[Abelian quantization](#) (defined in *deformation quantization*)

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[absolute magnitude](#) (defined in *stellar magnitude*)

[absolute temperature](#) (defined in *principles of thermodynamics*)

[absolute temperature scale](#) (defined in *temperature*)

[absorption](#) (defined in *spectroscopy topics*)

[absorption spectroscopy](#) (defined in *spectroscopy topics*)

[abstract algebra](#) (defined in *Nicolae Popescu*)

[abstract automata theory \(AAT\)](#) (defined in *category of automata*)

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[abstract computer programming theory \(ACPT\)](#) (defined in *category of automata*)

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[abstract relational biology \(ARB\)](#)

[abstract relations in biosystems](#) (defined in *abstract relational biology (ARB)*)

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[additive category](#) (=category of additive fractions)

[additive quotient category](#) (defined in *category of additive fractions*)

[additive quotient category](#) (=category of additive fractions)

[additive quotient category](#)

[adicity](#) (defined in *relation theory*)

[adjoint dynamical systems](#) (defined in *similarity and analogous systems: dynamic adjointness and topological equivalence*)
[adjoint functor](#) (defined in *similarity and analogous systems: dynamic adjointness and topological equivalence*)
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[adjointness](#) (defined in *duality and triality*)
[adjoint properties](#) (defined in *Table of categories and functor properties*)
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[AFM](#) (defined in *scanning force microscopy (SFM)*)
[AFM](#) (=scanning force microscopy (SFM))
[AIAS](#) (defined in *developments of relativity theories*)
[airship optimal control, 2D with drag](#)
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[Albert Einstein](#)
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[Alexander Grothendieck](#)
[Alexander Grothendieck's mathematical 'genealogy'](#)
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[algebraic geometry index](#) (=index of algebraic geometry)
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[algorithm](#) (defined in *program*)
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[analytical dualities](#) (defined in *duality and triality*)
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[Anderson localization](#) (defined in *Quantum topological order and extended quantum symmetries*)
[Andr'e Bloch](#)
[Andrew John Wiles](#)

[Andrew Wiles](#) (=Andrew John Wiles)

[An Elementary Treatise on Quaternions](#)

[angular momentum](#) (defined in *nuclear magnetic resonance principles*)

[angular momentum of a system of particles](#)

[animated representation of 4D-space](#)

[anisotropic hot plasmas](#) (defined in *fundamentals of nuclear physics*)

[anti-commutation relations](#) (defined in *superspace and supergravity*)

[anti-de Sitter space](#) (defined in *superfields*)

[antihomomorphism](#) (defined in *Quantum operator algebras in QFT*)

[anti-quark](#) (defined in *notations of fundamental concepts in physics*)

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[application of Gauss' law a cat's meow, an](#)

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[applications of physics](#) (=applied physics)

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[approximation theorem for an arbitrary space](#)

[AQFT](#) (=algebraic quantum field theories (AQFT))

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[ARB](#) (=abstract relational biology (ARB))

[Archimedes' Principle](#)

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[associated groupoid algebra representations](#) (defined in *groupoid representation theorem*)

[associated probability measure](#) (defined in *probability distribution functions in physics*)

[associated wavelength of the electron](#) (defined in *electron microscope*)

[associative algebra lemma](#) (defined in *center of Abelian category*)

[associative \$\ast\$ -products](#) (defined in *deformation quantization*)

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[asymptotic morphisms](#) (=Wigner--Weyl--Moyal quantization procedures)

[Atomic and nuclear structure](#)

[atomic force microscopy](#) (=scanning force microscopy (SFM))

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[atomic spectra](#) (=quantization of atomic energy levels)

[atomic structure](#) (defined in *Atomic and nuclear structure*)

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[automata homomorphism](#) (defined in *automaton*)

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[automata theory applications](#) (defined in *automata theory and computer simulation applications to biomedicine*)

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[automaton square diagram](#) (defined in *category of automata*)

[auxiliary field H](#)

[average electron velocity in plasma](#) (defined in *non-linear electron excitation of plasma waves*)

[average translational kinetic energy](#) (=mean translational kinetic energy)

[axiomatic QFT](#) (=algebraic quantum field theories (AQFT))

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[axiomatics and categorical foundations of mathematical physics](#)

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[axiomatic theories of metacategories and supercategories](#)

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[axioms of topoi](#) (=topos axioms)

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[axis angle of rotation to direction cosine matrix](#)

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